



Mound Closure Project Operable Unit 1 (OU-1)



Pre-Solicitation Conference

Mound OU-1 Project

July 6, 2006



Mound Closure Project Operable Unit 1 (OU-1)



Conference Agenda:

8:00 – 8:05	Welcome (Bill Taylor, DOE)
8:05 – 8:10	Administrative
8:10 – 8:20	MMCIC Overview (Mike Grauwelman, MMCIC)
8:20 – 9:00	Acquisition Detail (Dave Hincks, DOE)
9:00 – 9:15	Break
9:15 – 11:30	Draft Statement of Work Overview (Bill Taylor, DOE)
11:30 – 12:30	Lunch (pre-ordered)
12:30 – 1:30	OU-1 Site Tour
1:30 – 1:40	Break
1:40 – 2:00	General Discussion (Bldg 126)
2:00	Closing Comments (Bill Taylor, DOE)



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Ground rules/Administration:

- No audio/video recording of Pre-Solicitation Conference is permitted. Photographs of site allowed.
- Comments are encouraged. Follow-up by email NLT COB July 7 to the Contracting Officer.
- The Pre-Proposal Conference briefing slides will be posted to the Mound OU-1 Web Page.
- The terms and conditions of the RTP and the basic IDIQ contract govern over any information presented today. Information presented here is at a summary level.



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Purpose of the Pre-Solicitation Conference:

- To provide information to interested Offerors
- Point out certain anticipated aspects of the Mound OU-1 Project
- “Visualize” physical description included in the Draft Statement of Work (SOW).
- Goal at the end of the Pre-Proposal Conference – to have a better understanding of the Mound OU-1 project.
- Solicit comments from contractors



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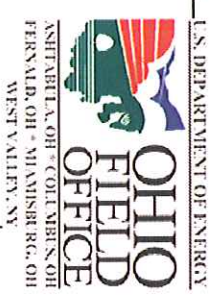


Mound OU-1 Project Objective:

- Complete the task order to ensure the safe accomplishment of all activities within available funding
- Establish a task order structure that clearly defines contractor performance.
- Receive quality proposals from contractors.



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Miamisburg Mound Community Improvement Corporation (MMCIC):

- OU-1 Project Goal
 - Total waste removal
 - Industrial reuse
- OU-1 Project – High Profile
 - Congress
 - DOE
 - Community



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- RTP will not be posted in the DOE Industry Interactive Procurement System (IIPS) or Federal Business Opportunities Page (FedBizOpps)
- Mound OU-1 RTP Web Page address:
- Official Position
 - Written RTP governs the acquisition



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Mound OU-1 Web Page will include:

- Pre-Solicitation Conference Information
- RTP and Amendments
- Reference Documents
- Questions and Responses



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- Contemplated Fee Structure
 - Bound by statutory limitation (FAR 15.404-4)
 - Individual IDIQ contracts
- Period of performance is from contract award
 - Anticipated Sep 30, 2006 through Sep 30, 2007



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- **Contemplated Structure**

- Initial Mobilization and Site Sanitary Landfill Waste, Cover, Berm, Cap and Liner
- Thorium and Polonium Contaminated Waste Area (PRS-11) and Volatile Organic Compounds “Hot Spot”
- Other Historic Waste
- Dayton Unit
- Site Restoration and Demobilization
- Remediation of PRS 441 – Soil Staging Area



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Unique Features

- Absolute Funding Cap
 - Appropriate controls in place
 - PRS-441 funding separate from OU-1 funding
- Performance Milestones
- Contracting Officer Authorization
- Costs Broken Down by Contemplated Structure



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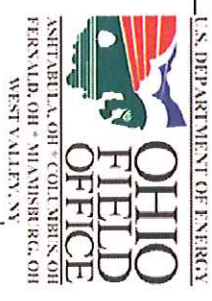


Representations, Certifications, and Other Statements of Offerors:

- Contractors shall complete and submit all of the fill-in information provided in Section K (updates only to Basic contract submission)
- Failure to provide the requested information may make the offer unacceptable for award.
- On-line Representations and Certification Application (ORCA)
 - <https://orca.bpn.gov/>



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BREAK



Mound Closure Project Operable Unit 1 (OU-1)



Mound OU-1 Project Overview

- Pursuant to statute, DOE will complete remedies at OU-1
- DOE is developing a task order to be issued to an EM ID/IQ contractor anticipated to be under a Cost Plus Fixed Fee contract type
- Project is unique in that it defines a series of waste types and cleanup locations on the OU-1 site but the work is capped at \$30 million
- The successful Contractor is responsible for total performance and for determining the specific optimal methods for accomplishing the work



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Overview of Project

- Completion achieved when:
 - Site Sanitary Landfill and cap either disposed offsite or stockpiled for re-disposition
 - Stockpile the berm, cover and liner material for eventual reuse
 - Excavate the remainder of PRS-11 and dispose offsite
 - Excavate and dispose offsite of the VOC “Hot Spot”
 - Excavate historic wastes and dispose offsite
 - Remediate PRS 441 as required by the Mound 2000 Approach
 - Perform Final Verification Surveys per the OU-1 ROD as amended
 - Dispose all waste, backfill, grade, and seed all disturbed areas
 - Decontaminate and dispose offsite of all equipment and temporary structures
 - The site shall be in a CERCLA compliant configuration upon completion of remediation activity



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Draft Statement of Work (SOW)

- Purpose – Safely remove radioactive materials and other contamination from the OU-1 Project Area
 - 2 Distinct Sub-projects
 - OU-1 Project
 - Potential Release Site 441 which is the soil load out yard



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Draft Statement of Work (SOW)

- Final remedy must comply with regulatory standards and be protective
- Must meet the spirit and intent of the Sales Contract
- Must permit industrial reuse
- Optimize approach to work



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Draft Statement of Work (SOW)

- Site Sanitary Landfill Waste
 - Mostly office wastes, cafeteria wastes, some bioassay samples and soil
 - Non-hazardous but could have historic waste mixed
 - Records show that wastes were screened and nothing found above the screening level (100pCi/g)
 - If found, maintain segregation of the hazardous and radioactive material until disposition path defined
 - If stockpiled for staging, maintain to prevent possible spread of contamination
- Site Sanitary Landfill Cover, Berm, Cap and Liner
 - Excavate the berm material to access the Historical Waste Disposal areas
 - Maintain the berm material and keep segregated to prevent spread of contamination
 - Excavate and screen in 2 foot depth increments for Rad, VOCs and visible waste



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Draft Statement of Work (SOW)

- Historic Waste Disposal Area
 - **Thorium and Polonium contaminated waste area (PRS-11)**
 - 2500 empty 55-gallon drums contaminated with thorium crushed and buried in a trench
 - Sand contaminated with polonium was placed in the depression left by the drum trench
 - Summer of 2005, a portion of this area was excavated
 - Other waste found during this excavation was wood, brick, glass, laboratory bottles, material contaminated with Pu-238, U-238, Ra-226, Pb-210, Th-232 and many other waste forms
 - This area was subsequently backfilled with clean soil
 - The smear zone shall be excavated, packaged, transported and disposed off site



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Draft Statement of Work (SOW)

- Historic Waste Disposal Area (cont)
 - **Volatile Organic Compounds (VOCs) “Hot Spot”**
 - Sample borings at OU-1 confirmed that there is a VOC hot spot in the historic waste disposal area
 - The Draft SOW requires the Contractor to excavate, package, transport and dispose the VOC hot spot off site including surrounding soils



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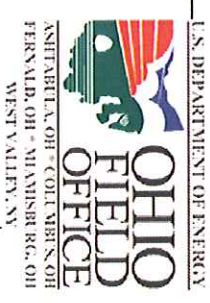


Draft Statement of Work (SOW)

- Historic Waste Disposal Area (cont'd)
 - **Other Historic Wastes**
 - Remainder of the Historic Wastes contain ordinary laboratory, office and kitchen wastes, along with sediments containing metals, plating wastes, oils and chlorinated and non-chlorinated solvents
 - The Contractor shall excavate, package, transport and dispose the Other Historic Waste in the order provided
 - Southern end of Historic Waste Disposal Area and B2 Area
 - Below the Road
 - Northern end of Historic Waste Disposal



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Draft Statement of Work (SOW)

- Historic Waste Disposal Area (cont'd)
 - **Dayton Unit**
 - In 1954, salvage material from several buildings in Dayton used for research purposes was disposed in an excavated trench along the southern boundary of the OU-1 site.
 - The Dayton Unit trench contains buried wood ash and debris from a fire that consumed the polonium-contaminated flooring from the Dayton unit.
 - Lead 210, Bismuth-210 and Polonium 210 may be present in the trench
 - Contractor shall excavate the waste until it meets the Mound Cleanup Value, package, transport and dispose



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Draft Statement of Work (SOW)

- PRS 441 – Soil Staging Area
 - PRS 441 is the Soil Staging Area and expansion Area near the rail spur which has been used by the Mound Closure Project to load contaminated soils and debris awaiting shipment off-site
 - One of the last sites to be remediated
 - Must remove the railroad tracks as necessary, excavate the contaminated soils and pavement, package, transport and dispose off-site
 - Perform a Final Verification Survey
 - Disposition all supporting infrastructure and Government Furnished Services and Items



Mound Closure Project Operable Unit 1 (OU-1)



Draft Statement of Work (SOW)

- Final Verification Survey
 - Conduct a Final Verification Survey in the PRS 441 area and selected areas of OU-1 where remediation has occurred
- Backfilling and re-grading in the OU-1 area may be required prior to the FVS
- FVS will be accomplished to an approved plan
- Meet the cleanup objectives per the Mound 2000 Residual Risk Evaluation Methodology document



Mound Closure Project Operable Unit 1 (OU-1)

Draft Statement of Work (SOW)

- **Site Restoration**

- Must leave the site in a manner that is at least as protective of human health and the environment as was developed by the original remediation compliant with CERCLA OU-1 ROD
- Must collect all Final Verification Samples to a depth of known waste or un-sampled soil and analyze per SAAP
- Final Grading, Seeding and Extraneous Debris Removal
 - Must prepare the disturbed area for reuse
 - Areas will include PRS 441 and the OU-1 disturbed areas including the staging area to the south
 - Must prepare a grading plan for excess soils and disturbed areas
 - Lots of detail on how to leave the roadway areas, buildable areas and grading to natural topography
 - Backfill areas will require the top 6” of soil shall be free of stones larger than 1”
 - Material shall be installed in 8” to 12” lifts and meeting 85% Standard Proctor (SP) for landscaped areas, 92% SP for parking areas and 95% SP for roadways



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Draft Statement of Work (SOW)

- Project Completion and Demobilization
 - Upon completion of all tasks required in the Draft SOW, the Contractor shall be responsible for decontamination, demolition, and final disposal of all equipment used for performing the work



Mound Closure Project Operable Unit 1 (OU-1)



Draft Statement of Work (SOW)

- Project Support
 - Project Management System – must have a Project Management System that has the capability to generate Earned Value Performance analysis reports and a fully loaded integrated schedule
 - Environment, Safety and Health Program – develop and maintain a ES&H program that meets all applicable Federal and State regulatory and statutory requirements
 - Comply with OSHA reporting requirements
 - Maintain an environmental monitoring program
 - Maintain a training program
 - Provide safety and health personal protective equipment to contractor and DOE employees
 - Maintain an Occupational Radiation Protection program per 10CFR835



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Draft Statement of Work (SOW)

- Project Support (cont'd)
 - Environment, Safety and Health Program (cont'd)
 - Maintain a Radiation Protection Program for the public and the environment per 10CFR834
 - Maintain a Worker Safety and Health Program per 10CFR851
 - Implement an Integrated Safety Management System per DOE P 450.4 and the attendant guide DOE G 450.4-1 B
 - ES&H reporting in accordance with DOE M 231.1-1A, Environment, Safety and Health Reporting Manual and DOE M 231.1-2 Occurrence Reporting and Processing of Operations Information
 - Maintain a first responder EOC capability to manage incidents that may occur within the Contractor's controlled area
 - Maintain occupied facilities and trailers within Contractor's work area to meet NFPA 101
 - Compliance with wastewater limits per NPDES permit, air emission restrictions in OSPA permit, compliance with NEPA and NESHAPS





Mound Closure Project Operable Unit 1 (OU-1)

Draft Statement of Work (SOW)

- Project Support (cont'd)
 - Security
 - Provide property protection to the Contractor's work area
 - Provide protection against unauthorized access, loss, or theft of Government property
 - Site Access and Traffic Control
 - Because there are businesses located northeast of the OU-1 project area that require access for their employees, vendors and clients on a daily basis, the Contractor must implement a Site Access Control and Traffic Plan to adequately provide a safe means of ingress and egress for these private vehicles
 - Must maintain the roadway in a drivable condition and provide an alternative route for traffic if the excavation activity encroaches upon the roadway
 - Regulator Interaction
 - Coordinate interactions with the regulators through the DOE DCOR
 - Interactions will be with DOE, MMCIC, USEPA, and OEPA



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Draft Statement of Work (SOW)

- Project Support (cont'd)
 - Public Involvement and Stakeholder Interaction
 - MMCIC is the agent for the City of Miamisburg for economic, commercial and industrial development of the Mound Site
 - DOE and MMCIC have an MOA that establishes the working agreement for completing the Mound site for reuse
 - Contractor shall provide support to the DOE for public involvement and stakeholder interaction
 - Contractor may also be required to assist DOE in occasional outreach efforts



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Thank you for attending.

- Lunch
- Site Visit
- General Discussions
- Closing Comments